



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

December 11, 2014

Steven E. Rogosheske
Registration Manager
Chem-Tech, Ltd.
1006 Business Hwy 5
Pleasantville, IA 50225

Subject: Label Notification per PRN 98-10 – Addition of language for California state

Product Name: Permethrin 1% Liquid with Synergist
EPA Registration Number: 47000-151
Application Date: November 4, 2014
Decision Number: 497561

Dear Mr. Rogosheske:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, you may contact Elizabeth Fertich at 703-347-8560 or via email at fertich.elizabeth@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Kable Bo Davis", is enclosed within a large, hand-drawn oval.

Kable Bo Davis, Product Manager 3
Invertebrate and Vertebrate Branch 1(IVB1)
Registration Division (7505P)
Office of Pesticide Programs

Permethrin 1% Liquid with Synergist

Editors Note: Text in Brackets [] indicates alternate or optional wording, any or all of which may appear on the final labeling.

[Kills Flies & Lice]
[Insecticide For Cattle, Sheep and Their Premises]
[Synergized Formula For Effective Kill]
[Synergized Permethrin]
[Ready-To-Use as a Pour-On, Spray or Mist – or mix for Backrubber use]
[Also Kills Flies & Mosquitoes]
[Can Be Used On Lactating Dairy Cattle]

[POUR ON] - [SPRAY] - [MIST] – [BACK RUBBER] – [PREMISE]

NOTIFICATION

47000-151

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

12/11/2014

ACTIVE INGREDIENTS:

Permethrin*	1.0%
Piperonyl Butoxide**	1.0%
OTHER INGREDIENTS:***	98.0%
Total	100.0%

* Cis/Trans ratio: Min. 35% (+/-) cis and max. 65% (+/-) trans

** Contains (butylcarbityl)(6-propylpiperonyl) ether and related compounds

*** Contains petroleum distillate

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
IF INHALED:	<ul style="list-style-type: none">Move person to fresh air.If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.Call a poison control center or doctor for further treatment.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none">Take off contaminated clothing.Rinse skin immediately with plenty of water for 15-20 minutes.Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none">Call a poison control center or doctor immediately for treatment advice.Do not give any liquid to the person.Do not give anything by mouth to an unconscious person.Do not induce vomiting unless told to do so by a poison control center or doctor.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For 24-hour emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318 (all other areas).	
NOTE TO PHYSICIAN: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Contains petroleum distillate. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes and clothing. Wash hands thoroughly with soap and water after handling, and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic organisms including fish and invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean water mark. Do not apply when weather conditions favor drift from treated areas. Drift and run-off may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through run-off. This product has a potential for run-off for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce run-off that contains this product.

This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

Personal Protective Equipment (PPE)

All mixers, loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical resistant gloves made of Barrier Laminate, Nitrile Rubber, Neoprene Rubber, or Viton.
- Chemical resistant apron for mixers, loaders, persons cleaning equipment, and for handlers performing animal dip applications.

User Safety Requirements

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

USE RESTRICTIONS

Do not contaminate food or feedstuffs.

Not for use in metered release systems.

Not for use in outdoor residential misting systems (indoor or outdoor).

Not registered in the State of California for the control of Sheep Keds and Lice on Sheep.

Do not make applications during rain.

Do not water the treated area to the point of run-off. Do not water plants to the point of run-off or drip.

Except when applying to non-domestic (livestock) animals, do not enter or allow others to enter treated areas until sprays have dried.

Except when applying to non-domestic (livestock) animals, do not enter or allow others to enter treated areas until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.

Except when applying to livestock, do not apply this product in a way that will contact workers or other persons, either directly or through drift.

Except when applying to livestock, only protected handlers may be in the area during application.

Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and /or mists have dispersed.

All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses: (1) Treatment to soil or vegetation around structures; (2) Applications to lawns, turf, and other vegetation; (3) Applications to building foundations, up to a maximum height of 3 feet. Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors and eaves) are limited to spot and crack-and-crevice applications, only.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.

Do not use sponge to apply

READY TO USE - No dilution necessary.

Apply To:	Target Insects	Application Instructions
Lactating and Non-Lactating Dairy Cattle, Beef Cattle and Calves	Lice, Horn Flies, Face Flies, Aids in control of Horse Flies, Stable Flies, House Flies, Mosquitoes and Black Flies	DOSAGE: Apply 1/2 fl. oz. (15cc) per 100 lbs. body wt. of animal up to a maximum of 5 fl. oz. for any one animal. POUR ON: Pour correct dose along back and down face. READY TO USE SPRAY: Use undiluted in a mist sprayer to apply correct dose. Apply directly to neck, face, back, legs and ears. BACK RUBBER USE: Mix one pint per gallon #2 diesel or mineral oil. Keep rubbing device charged. Results improved by daily forced use.
Sheep*	Sheep Keds, Lice	Pour along back. Apply 1/4 fl. oz. (7.5cc) per 50 lbs. body wt. of animal, up to a maximum of 3 fl. oz. for any one animal. For optimum control, all animals in the flock should be treated after shearing.
Premises - in and around Horse, Beef, Dairy, Swine, Sheep and Poultry premises. Animal Hospital Pens and Kennels and "outside" Meat Processing Premises.	House Flies, Stable Flies, Face Flies, Gnats, Mosquitoes, Black Flies, Fleas, Little House Flies (<i>Fannia spp.</i>). Aid in control of cockroaches, ants, spiders, crickets.	For use as a ready-to-use spot spray or premise spray, use undiluted in a mist sprayer. Apply directly to surface to leave a residual insecticidal coating, paying particular attention to areas where insects crawl or alight. One gallon will treat approximately 7,300 square feet.

*Not registered in the State of California for the control of Sheep Keds and Lice on Sheep.

[APPLICATION INSTRUCTIONS:

Apply 1/2 fl. oz. per 100 lbs. body weight of animal, up to a maximum of 5 fl. oz. for any one animal to kill Lice Horn Flies and Face Flies. Aids in the kill of Horse Flies, Stable Flies, Mosquitoes and Black Flies on lactating and non-lactating dairy cattle, beef cattle, calves and sheep. For sheep, apply 1/4 fl. oz. per 50 lbs. body weight of animal, up to a maximum of 3 fl. oz. for any one animal. **Pour-On:** Pour along back line and down face. For Keds on sheep*, pour along back line over neck, shoulders and rump. **Ready-To-Use Spray:** Use undiluted in a mist sprayer to apply correct dose. Apply directly to neck, face, back, legs and ears. For Pour-On and Ready-To-Use Spray applications, repeat treatment as needed but do not exceed 5 fl. oz. for any one animal on cattle or 3 fl. oz. for any one animal on sheep during any 14 day interval. For optimum insecticidal effectiveness against lice, a second treatment at 14 day intervals is recommended. **Back Rubber Use:** Mix one pint per gallon #2 diesel or mineral oil. Keep rubbing device charged. For Back Rubber applications, results are improved by dairy forced use.]

For cattle and sheep, repeat treatment as needed, but not more often than once every two weeks. For optimum lice kill, two treatments at a 14-day interval are recommended.

Special Note: This product is not effective in controlling cattle grubs.

This product is an oil-based, ready-to-use product that may leave an oily appearance on the hair coat of some animals. This product should be used in an integrated pest management system which may involve good sanitation, repeat treatments and the use of other pest control practices.

STORAGE AND DISPOSAL

Do not contaminate feed, food or water by storage or disposal

PESTICIDE STORAGE: Keep this product in its tightly closed original container, when not in use.

Store in a cool, dry (preferably locked) area that is inaccessible to children and animals.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain

NOTICE

It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Chem-Tech, Ltd, the manufacturer or seller. To the extent consistent with applicable law, Chem-Tech, Ltd, the manufacturer or seller shall not be liable for consequential, special or indirect damages resulting from the use or handling of this product. Except as warranted by this label, Chem-Tech, Ltd, the manufacturer or seller makes no warranties, guarantees, or representations of any kind, either express or implied, or by usage of trade, statutory or otherwise with regard to the product sold or use of the product, including, but not limited to, merchantability, fitness for a particular purpose or use, or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, Buyer's or user's exclusive remedy, and Chem-Tech, Ltd's, the manufacturer's or seller's total liability shall be limited to damages not exceeding the cost of the product.

Net Contents _____

EPA Reg. No. 47000-151

EPA Est. No. 47000-IA-1

Manufactured By:
Chem-Tech, Ltd
1006 Business Hwy 5
Pleasantville, IA 50225



[Manufactured in the U.S.A.]
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11/4/14 EPA Notification